On One

Joyner, Gene Targeting; A Practical Approach (Oxford University Press 1993). This targeting vector was designed so that the entire coding sequences of the murine CCR8 gene would be replaced with the neomycin (neo) gene. This DNA was linearized with Not I restriction digestion and electroporated into embryonic stem (ES) cells. Neomycin-resistant ES cell clones were screened for homologous recombination by PCR with the following primers:

TY118 (5'-CACGCTGTTCCATTGCTCTGGAG-3') (SEQ ID NO: 1); and TY70 (5'-GGGTTTGCTCGACATTGGGTGG-3') (SEQ ID NO: 2).

Please replace the paragraph on page 22, lines 1-4 with the following:



Five positive clones were identified. Confirmation of the targeted ES cells was done by Southern blot analysis of Pst I digested genomic DNA hybridized to a 0.5 kb 5'- end probe, which detected 2.5 kb and 1.9 kb fragments corresponding to the wild type and mutant alleles, respectively.